

ANALYZING WORKPLACE INJURIES IN THE Manufacturing Industry

To eliminate workplace injuries and fatalities, we must understand when, why and how they happen. Having these specific analytics on hand will allow businesses in hazardous industries to target problem areas and initiate solutions that will lower the number of workplace accidents.

The Manufacturing sector is comprised of establishments engaged in the mechanical, physical or chemical transformation of materials, substances or components into new products.

The highest number of injury incidents in the Manufacturing industry occurred:



at
Noon



on
Tuesday



in
March



on
Multiple
Body Parts



on
Males



within
50-59 Age
Group



in
St. Louis
County

Ranked #1 in Workplace Fatalities

21 out of 142 Fatalities are in Manufacturing ► 14.79%



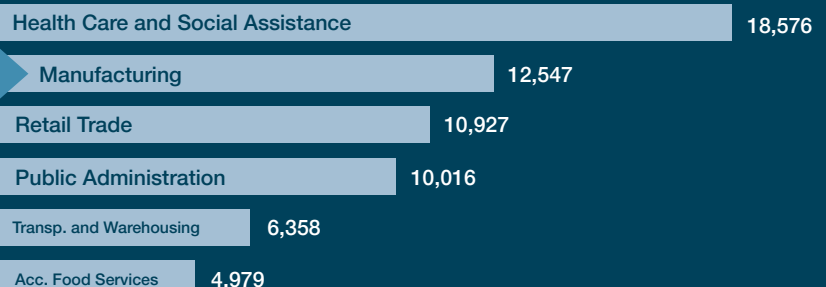
RANKED #2
IN HIGHEST NUMBER OF
INJURY INCIDENTS

Total Incidents in Top 6 Industries ► 63,403

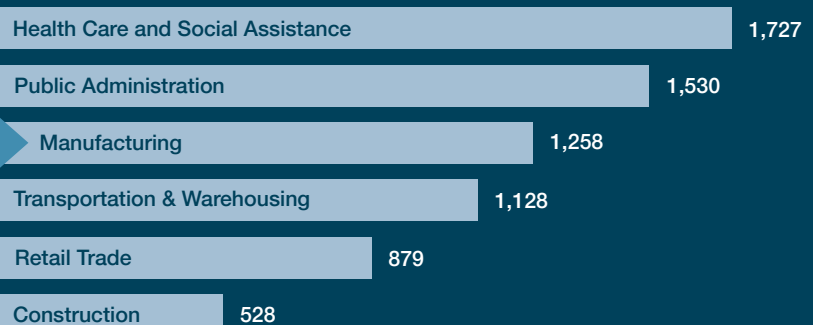
Total Incidents in All Industries ► 91,808

69% of All Incidents are in Top 6 Industries

Top Industries in Number of Injury Incidents



Top Industries in Lost Time Injury Incidents



RANKED #3
IN THE MOST LOST TIME
INJURY INCIDENTS

Total Lost Time Incidents in Top 6 Industries ► 7,050

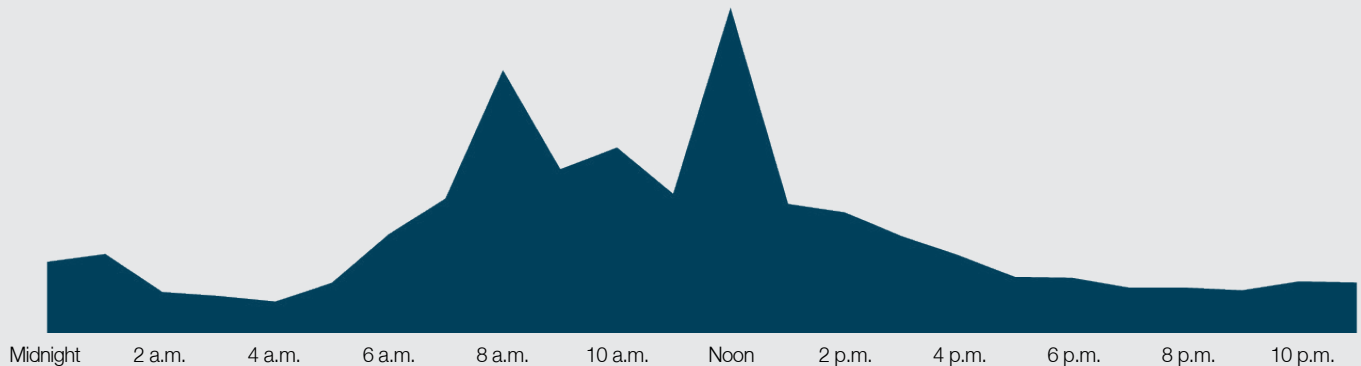
Total Lost Time Incidents in All Industries ► 9,710

73% of Lost Time Incidents are in Top 6 Industries



Injury Incidents by Time of Day

Most Manufacturing incidents occurred during the Noon hour.



Injury Incidents by Day of the Week

Most Manufacturing incidents occurred on a Tuesday.

S	M	T	W	T	F	S
418	2,432	2,475	2,402	2,325	1,867	628



Injury Incidents by Month

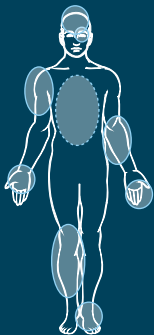
The highest number of Manufacturing incidents occurred in March.

JAN	FEB	MAR
923	1,000	1,377
APR	MAY	JUN
1,055	1,050	1,003
JUL	AUG	SEP
1,027	1,113	1,033
OCT	NOV	DEC
1,099	957	910



Top 10 Injury Incidents by Body Part

Multiple body parts were the most injured body part in Manufacturing.



Multiple Body Parts	2,021
Finger(s)/Thumb(s)	1,758
Wrist(s)/Hand(s)	1,691
Upper Arm(s)/Shoulder(s)	1,068
Back	1,038
Knee(s)/Lower Leg(s)	872
Elbow(s)/Lower Arm(s)	768
Ankle(s)/Foot/Feet	711
Eye(s)	544
Abdomen/Groin/Buttocks	230

Unknown
116
0.92%

Male
8,786
70.02%

Female
3,645
29.05%



Injury Incidents by Gender

In Manufacturing, males had over two times more incidents than females.



Incidents by Age Group

The 50-59 age group had the highest number of injury incidents in Manufacturing.

Age Group	Manufacturing	All Industries Total
10-15	0	61
16-19	308	4,054
20-29	2,571	22,187 Highest Total
30-39	2,705	19,626
40-49	2,600	17,336
50-59	2,897	18,058
60-69	1,367	9,093
70-79	92	1,258
80-89	6	125
Unknown	1	10



Incidents by County

St. Louis County had the most Manufacturing incidents.



Top 5 Counties with the Most Incidents

St. Louis County	1,720		
Jackson	1,211	Clay	892
St. Charles	922	Greene	853

Injury Incidents by Cause

Most manufacturing incidents occur due to lifting

Lifting	1,157
Strain or Injury by, NOC	945
Repetitive Motion	905
Pushing or Pulling	708
On Same Level	602

Injury Incidents by Nature

The highest number of manufacturing injury incidents are strain and tears

Strain or Tear	3,329
Contusion	1,773
Laceration	1,685
Sprain or Tear	1,167
All Other Specific Injuries, NOC	886

Visit safeatwork.mo.gov to learn more ways to keep your workplace safe.

